

ABSTRACT

A method for forming a three dimensional polymeric structure includes providing at least one paint layer and providing a bonding layer coupled to the at least one paint layer to form an insert having a bonding surface
5 provided by the bonding layer. A mold having a hollow interior bounded by an interior surface is further provided. The insert is positioned within the interior along a portion of the interior surface. At least one charge of thermoplastic material is deposited into the interior. The interior is heated while the mold is rotated and rocked. As a result, the thermoplastic
10 material melts and is deposited against the interior surface of the mold and against the bonding surface of the insert to form a three dimensional structure within the interior. The three dimensional structure is then removed from the interior of the mold.

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